



CONTENTS

THE EVOLUTION OF NATIONAL NUTRITION POLICY, <i>David A. Kessler</i>	xiii
ROLE OF VITAMIN K IN BONE METABOLISM, <i>C. Vermeer, K.-S. G. Jie, M. H. J. Knapen</i>	1
THE HYPOBETALIPOPROTEINEMIAS, <i>Gustav Schonfeld</i>	23
REGULATION OF TIGHT JUNCTION PERMEABILITY DURING NUTRIENT ABSORPTION ACROSS THE INTESTINAL EPITHELIUM, <i>Stephen T. Ballard, James H. Hunter, Aubrey E. Taylor</i>	35
WHOLE-BODY PROTEIN TURNOVER IN HUMANS—PAST, PRESENT, AND FUTURE, <i>J. C. Waterlow</i>	57
LACTOFERRIN: Molecular Structure and Biological Function, <i>B. Lönnardal, S. Iyer</i>	93
RETINOIDS AS TERATOGENS, <i>Dianne Robert Soprano, Kenneth J. Soprano</i>	111
REGULATION OF GLUTAMINASE ACTIVITY AND GLUTAMINE METABOLISM, <i>Norman P. Curthoys, Malcolm Watford</i>	133
ROLES OF UBIQUITINYLLATION IN PROTEOLYSIS AND CELLULAR REGULATION, <i>Keith D. Wilkinson</i>	161
ENERGY PARTITIONING AND MODELING IN ANIMAL NUTRITION, <i>R. L. Baldwin, R. D. Sainz</i>	191
REGULATION OF PIGEON CROPMILK SECRETION AND PARENTAL BEHAVIORS BY PROLACTIN, <i>Nelson D. Horseman, John D. Buntin</i>	213
REGULATION OF IRON METABOLISM: Translational Effects Mediated by Iron, Hemin, and Cytokines, <i>David P. Mascotti, Diane Rup, Robert E. Thach</i>	239
THERMOGENESIS AND THYROID FUNCTION, <i>Hedley C. Freake, Jack H. Oppenheimer</i>	263
CELLULAR COPPER TRANSPORT, <i>Christopher D. Vulpe, Seymour Packman</i>	293

viii CONTENTS (Continued)

NUTRITIONAL AND HORMONAL REGULATION OF THYROID HORMONE DEIODINASES, <i>P. R. Larsen, M. J. Berry</i>	323
ERYTHROPOIETIN, <i>Walter Fried</i>	353
DIETARY MANAGEMENT OF X-LINKED ADRENOLEUKODYSTROPHY, <i>Hugo W. Moser, Janet Borel</i>	379
THE IMPORTANCE OF MENAQUINONES IN HUMAN NUTRITION, <i>J. W. Suttie</i>	399
THE MECHANISM OF ACTION OF VITAMIN K, <i>Paul Dowd, Seung-Wook Ham, Sriram Naganathan, Roger Hershline</i>	419
MOLECULAR ACTIONS OF INSULIN ON GLUCOSE TRANSPORT, <i>Michael P. Czech</i>	441
TRANS-FATTY ACIDS AND THEIR EFFECTS ON LIPOPROTEINS IN HUMANS, <i>Martijn B. Katan, Ronald P. Mensink, Peter L. Zock</i>	473
APOLIPOPROTEIN E AND THE APOLIPOPROTEIN E-DEFICIENT MOUSE, <i>Andrew S. Plump, Jan L. Breslow</i>	495
INDEXES	
Subject Index	519
Cumulative Index of Contributing Authors, Volumes 11-15	539
Cumulative Index of Contributing Authors, Volumes 11-15	541

